

**FIG. 1**

INSTRUCTION	FUNCTION
MOVMD.L Rm, @-R15	R15-4 → R15, Rm → (R15) R15-4 → R15, Rm-1 → (R15) ----- R15-4 → R15, R0 → (R15)
MOVMD.L @R15+, Rn	(R15) → R0, R15+4 → R15 (R15) → R1, R15+4 → R15 ----- (R15) → Rn
MOVMD.L Rm, @-R15	R15-4 → R15, PR → (R15) R15-4 → R15, R14 → (R15) ----- R15-4 → R15, Rm → (R15)
MOVMD.L @R15+, Rn	(R15) → Rn, R15+4 → R15 (R15) → Rn+1, R15+4 → R15 ----- (R15) → R14, R15+4 → R15 (R15) → PR

**FIG. 2**

MOVMD.L Rm, @-R15	0	1	0	0	m	m	m	m	1	1	1	1	1	0	0	1
MOVMD.L @R15+, Rn	0	1	0	0	n	n	n	n	1	1	1	1	0	1	0	1
MOVMD.L Rm, @-R15	0	1	0	0	m	m	m	m	1	1	1	1	0	0	0	0
MOVMD.L @R15+, Rn	0	1	0	0	n	n	n	n	1	1	1	1	0	1	0	0

**FIG. 3**

	MOVMD									MOVMDU								
n/m	0	1	2	---	i	---	13	14	15	0	1	2	---	i	---	13	14	15
PR									○	○	○	○	---	○	---	○	○	○
R15	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△
R14								○	○	○	○	○	---	○	---	○	○	
R13							○	○	○	○	○	○	---	○	---	○		
⋮							⋮	⋮	⋮	⋮	⋮	⋮		⋮		⋮		
Ri					○	---	○	○	○	○	○	○	---	○				
⋮					⋮		⋮	⋮	⋮	⋮	⋮	⋮						
R2			○	---	○	---	○	○	○	○	○	○						
R1		○	○	---	○	---	○	○	○	○	○							
R0	○	○	○	---	○	---	○	○	○	○								

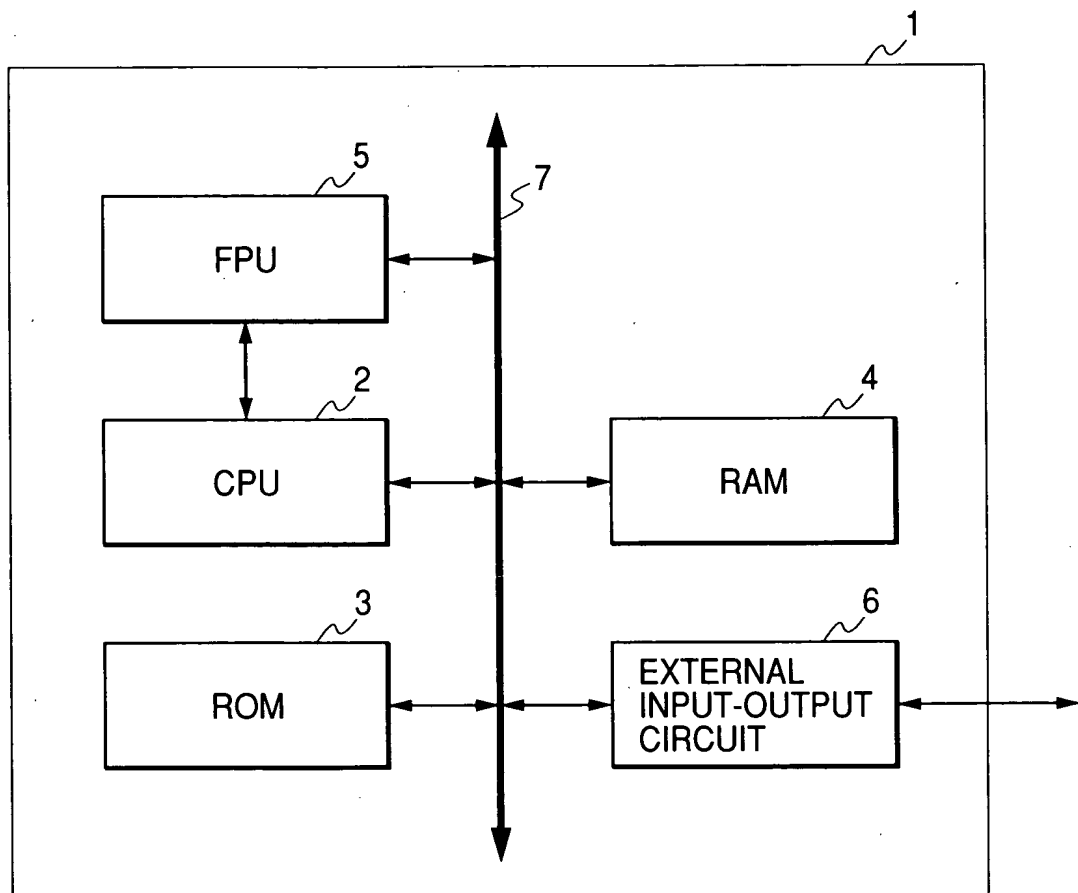
*FIG. 4*

FIG. 5

